## A

## GENERAL PLAN

## FOR LAYING OUT

## TOWNS AND TOWNSHIPS,

ON THE NEW-ACQUIRED LANDS

IN THE

## EAST INDIES, AMERICA, OR ELSEWHERE;

In order to promote Cultivation, and raife the Value of all the adjoining Land, at the Price of giving gratis the Town-Lots, and, in forme Cafes (as in new Colonies), aldo the fall OutLots, to the frt Settlers and their Heirs, fo long as they poffefs no other Land; and on other equitable Conditions.
${ }^{1794 .}$
.
 i

$$
1
$$

$$
1-y=y, y y
$$

## EXPLANATION

## 0 F

## THE ANNEXED PLAN.

THE town (diftinguifhed by being coloured red) is contained in a fquare, each fide of which is 4 furlongs, or half a mile; having a fquare furlong, or 10 acres, in the centre, appropriated to public offices (viz. a church, town-hall, guard-houfe, feparate penitentiary lots (or prifons) for males and females; allo fchools for each fex, and a public caravanfera for ftrangers and travellers, under the control of the conftable on guard by rotation). The Breadth of the ftreets and highways is propofed to be the 8th part of a furlong, or 82 feet 6 inches; which will allow room for aquaducts wherever ftreams of water can be introduced from fuperior levels, and alfo room for planting ranges of fpreading trees to fhelter the footpaths. And as the bounds of each fquare furlong meet in the centre of the ftreets, meafured from the 4 external edges or fides of the town (coloured red), which are diftant, each from its oppofite fide, 4 complete furlongs, or half a mile ( 4 inches bv the fcale), thefe external edges or lines of the town and the ftreets muft be firft laid out, that the remaining fpace, in each fquare furlong of the town, may be divided into town-lots in equal proportions, viz. 2 oppofite fides of the town are appropriated to large town-lots of nearly one acre each for planters or parmers;

## $\left[\begin{array}{ll}l & 4\end{array}\right]$

and as thefe large tocun-lots commence from the external edge of the town (and not from the centre of the ftreets, like the fmall torun-lots), their length will be a complete half furlong, or 330 feet: In their breadth there will be fome variation: The uppermoft and undermoft divifions of fquare furlongs, being meafured from the external edges, or red lines, at the top and bottom of the town (as reprefented in this Plan), have a deduction of 41 feet 3 inches for half the width of the ftreet on one fide only; which, fubtracted from 660 feet, the breadth of the furlong, leaves a fpace of 618 feet 9 inches for the breadth of 5 lots: Which fpace divided by 5 allows the breadth of each PLANTER's TOWN-LOT, in the uppermoft and lowermoft divifions to be 123 feet 9 inches including the fencés; and the planters torwn-lots, in the 4 central divitions (as the central divifions have a ftreet on 2 fides), mult lofe 82 feet 6 inches from the width of each furlong, which being firft deducted from the 660 feet leave a breadth of only 577 feet 6 inches to be divided into 5 equal parts, whereby the width of the planters lots in the 4 central divifions, is reduced to 115 feet 6 inches each, including the fences.

The fize of the fmall town-lots will alfo unavoidably vary, and be of two different dimenfions as to their breadtb, though all are of equal length: For as they are meafured from the centre of each fquare furlong to the centre of the ftreets, a deduction of 41 feet 3 inches (half the width of the ftreets) muft be made from the longth of half a furlong, or 330 feet, which reduces the length of each lot to 288 feet 9 inches. And 41 feet 3 inches being alfo deducted from

## [ 5 ]

from the breadth of the uppermoft and loweft ranges of fquare furlongs, for half the width of the ftreet, on one fide of each furlong, the fpace for the width of 6 lots is thereby reduced to 618 feet 9 inches, which divided by 6 gives 103 feet 1 inch and half, for the width of each lot, including the fences: And 82 feet 6 inches being deducted from the central divifions, for half the width of the ftreets on 2 fides of each divifion, or fquare furlong, reduce the fpace for 6 lots to 577 feet 6 inches, which divided by 6 gives only 96 feet 3 inches for the width of the finall townlots in the central divifions, including their refpective fences.
N. B. In old fettled countries, where land is al. . ready of confiderable value, it is not to be fuppofed that the proprietors of land can be induced to give gratis more than the fimall torwn-lots of half an acre and a few poles each, which with the roads and freets will amount to about 120 acres to be given gratis out of 2560 acres, or lefs than $4 \frac{3}{4}$ per cent.; and the improved value of the remaining eftate, mof certainly, will amply repay the donation; as the value of land is generally doubled by the proximity of a town.

And as even this laft propofed donation of 120 acres will be much too large a venture for landholders in general to rifque in fuch an experiment; it is neceffary to remark, that they may proceed on the half of this plan, quite as effectually, by dividing the town and townfhip in the centre, whereby the land to be given gratis, or granted in freeliold to the fettlers, will not exceed 60 acres: And even with this

## $\left[\begin{array}{ll}6\end{array}\right]$

large reduction of the plan, fpace will be referved for the families of 20 farmers or planters and of 68 artificers or labourers; and as the line of divifion in this latter mode will pafs through the centre fquare of the prefent plan, 6 additional fmall town-lots may be formed in the fpace of half the fquare, and half of the public lots around it, which will enable the town, upon the whole, to contain 94 houfeholds. And if 6 cottages for labourers be added at the outer gates or avenues of the eftate, the community will form a complete bundred of houfeholders, which is a very refpectable body of people for maintaining peace and good order according to the common law of England.

Whenever only one balf of the plan is adopted, the fide where the central line of divifion is made muft be placed next to the water (whether the fea or river, creek or canal), and care muft be taken that a fufficient /trand, or fpace of common land, be referved between the town and the water, that all the inhabitants may have equal accefs to the water-fide.



## [ 9 ]

Conditions on which the Grants of Land foould be made, for the peaceable Regulation of the feveral Towns or Communities.
THE Proprietors of the land fhould give, gratis, to each male fettler, of good moral character, and of ability to labour, one fmall town-lot; and, in new fettlements where few labourers can be procured, alfo one of the fmall out-lots of $2 \frac{1}{2}$ acres, gratis, fo long as they poffefs no othor land, but no longer; for ftrict provifion fhould be made in the grants, that no man fhall hold 2 lots in the fame town, even if an additional lot fhould fall to him by inheritance, or be acquired in any other way (for that would deftroy the fafety of the town, by decreafing the number of inhabitants) ; and that no lot which had once been given gratis fhould, ever afterwards, be either fold, or let at rent, to any under-tenant, or be added to any other lot, on the penalty of forfeiture to the firft granter or granters, or to their heirs or fuccefiors, to be by them once more beftowed for the fame benevolent purpofe, on fome other induftrious tradefman, or labourer, who has no other land already in poifeffion, that the number and ftrength of the little community may be maintained: And if the firft granter, \&cc. fhould neglect fuch difpofal of any forfeited or vacant lot, more than 12 months, the right of difpofal, as above, fhould lapfe, and be vefted in the houfeholders of the town where the forfeiture is incurred, according to the election of the majority of them in common council affembled.

But though the fettlers may not fell, let, or enlarge their lots, when they acquire other lands either

## [ io ]

either by inheritance or otherwife, yet they may, neverthelefs, be allowed to prefent in free gift, the poffeffion of their lots (when fo vacated by additional landed property elfewhere), on the fame limited terms, to any perfon whom they fhall think proper to elect, provided fuch perfon hath not already any. other land in poffeffion.

But with refpect to the larger town-lots for planters or farmers, marked A, B, C, D, \&c. they may be as appendages, or homefteds, to the farms, or large out-lots, extending beyond the leffer town/hip, and of courfe they may be let, or fold, with thofe farms, as the proprietors or granters of the land may think beft for their own advantage. And fo likewife with refpect to the fmall out-lots in the leffer town/bip, whenever the proprietors of the land fhall have referved to themfelves that power in their original grants.

And for the fafety and happinefs of each community, the land fhould be granted on the farther efpecial condition, that the fettlers fhall promife to kecp watch and ward by rotation of militia fervice, under their own elected chiefs, that they may duly maintain peace, justice, and common right, in their refpective communities and folkmotes, according to the common law of England in Franicpledge, which is the only effectual mode of obtaining law, peace, and good government, without expence.

## A DESCRIPTION of FRANKPLEDGE.

Franipledge is an ancient patriarchal mode of arranging the families, or rather boufcholds, of a nation,

## [ 11 ]

in numerical divifions of TENS (or tyithings), FIFTIES, hUndreds (or wappentacs), and thousands * of boulelolders, or mafter's of families, including all that either rent a boure by the year (on which the right of burgage

* See Deut. i. 13-15. "Take ye" (or rather, according to the Hebrew, " chuse ye to yourselves") "wife men and un" derftanding, and known among your tribes" (which neceffarily implies that the tribes were to nominate), " and I" (faid Mofes) "w will make them rulers over you" (i. e. the returns of the elections were to be made to Mofes, and he was to inveft the elected with public authority); "and ye" (faid Mofes) "anfwered me and " faid, The thing which thou baft Spoken (is) good (for us) to do." (Thus Mofes, like a good politician, and faithful public minifter under God, declared the free affent of the people, whereby the important meafure he himfelf had propofed of eftablifhing Frankpledge by the advice of Jethro, was enacted, and became a public law, or ftatute, of that nation (Ifrael), as much as it has been enacted to Englifhmen by Magna Charta). "So I took" (faid Mofes) " the chief of your tribes, wife men and known" (that is, "knowon among the tribes," as expreffed in the 13 th verfe) which neceffary qualification could not fairly be afcertained, unlefs the knowun men were really returned, or named, to Mofes, as fuch, by the tribes themfelves), "and made them heads over you, captains" (or heads) " over thousands, and captains over hundreds" (what we call bundreders, or high conftables), "and captains over " Fifties, and captains over tens" (or tythingmen), "and officers " among your tribes."

Thus it appears that the officers in general, from the colonel or captain of a thoufand (whether of individuals or families), down to the ferjeant, conftable, or tythingman, were recommended, or rather nominated by the people, before they were invefted with authority by Mofes.
"And I (faid Mofes) charged your JUDGes at that time" (whereby it muft of courfe be underfoorl that the judges alfo had been previoufly nominated by the people, as "suife men and under"fanding, and knozw among the tribes," agreeable to the preseding enacted propofal); " faying, bear (the caufes) between "your brethren, and judge righteouly between (every) man and bis

## $\left[\begin{array}{ll}12\end{array}\right]$

burgage tenure in England is founded), or live in their own houfes, and pay their due proportion of public expences.

All fuch; by this moft ancient and falutary fyftem, were required to pledge each other; and to pledge, (or be refponfible) for every other individual, living under their refpective roofs; whereby all perfons were rendered moft completely, and readily, amenable to JUST LAWS (an indifpenfable condition of LIberty; becaufe, neither liberty, nor justice, can walk upright and fecure, unlefs they go hand in

[^0]
## $\left[\begin{array}{lll}{[ } & 13 & ]\end{array}\right.$

hand) for every breach of the public peace, or for any breach even of common morality, or decency, that could be deemed hurtful or inconvenient to others in the judgment of an impartial jury of neighbours, fubject to the previous challenge of the perfons accufed (or indited), in fo full and effectual a manner, as to exclude all Ju/picion of partiality; and this under magistrates and public officers freely elected by the householders of every diftrict, for fhort probationary terms of power, never exceeding 12 months, without re-election by a majority of the householders over whom, refpectively, their delegated power extended.

It was a juft and wife principle of the ancient confitution of England, to veft all election-richts in the householders, paying feot and lot (or the ordinary public rates) ; but a farther extenfion of the franchife to every individual of the community (which fome well-meaning friends to reformation have propofed) would be a vain innovation, that might perhaps prove as dangerous as it is, certainly, inexpedient and needlefs; becaufe the ancient confitution of Frank. pledge (which vefted the right of election in the boufebolders alone) is diffinguifhed in the law-books* by the peculiar ftyle of Summa et maxima securitas (the chief and greateft fecurity), a title juftly founded on the practical experience of ages. And therefore, though the firft plants to be cultivated in all colonies and communities are, moft certainly, the

[^1]facred plants of righteousness, peace, and hiberty, yet even thefe indifpenfable plants cannot fo effectually take root and flourifh, as when the happy foil of their cultivation is previoufly fenced by the eftablifhment of Frankpledge with a due prac* tical knowledge of natural and revealed religion (the two firf foundations of Englifl law), contrary to which no cufom, maxim, or even fatute can be logal, according to the common law of England; which is only common Senfe, improved by the written revelation of God's Laws in the Holy Scriptures.

So indifenfable to the conftitution of England was Franifledge deemed by our anceftors, that they juftly required "the view of Frankpledge," by an exprefs article of their great cbarter (chap. 35.) "to be at the feaft of St. Michael without occa" fion," i. e. without waiting for any other circumftance to authorife the view, than the mere annual return of Michaelmas, the ufual feafoin of holding it: And "the trytifing" (by the fame high authority) is required to "be wholly kept" (or " main" tained entire) as it ufed to be" (" trithinga teneatur " integra ficut effe confuevit"); becaufe the efficacy of Frankpledge, in the ready adminifration of juftice without expence, depends chiefly on holding "thetrything," which is the quazthenty court leet of "tbrce or more bundreds" joined together; or, more generally, the court leet of a third part of a Sire, or riding; derived from trything*;

- See Camden's Britannia, Bifhop Gibfon's edition, p. 845. As the word riding is allowed to be derived from trything, it is


## $\left[\begin{array}{lll}{[ } & 15\end{array}\right]$

and as both Frankpledge and the trything are thus, exprelly, required by Magna Charta, they may lawfully be eitablifhed wherever a legal Englifh government is maintained; without any farther authority than the vote or agreement of a majority of the boufebolders in each diftrict.

## GRANVILLE SHARP.

very probable that ruding has alfo the fame etymology. See alfo * Leges Edrwardi Regis," cap. 34. de Teithingis \& Ledis.
?


## $\left[\begin{array}{ll}17\end{array}\right]$

## EXTRACT OF A <br> LETTER FROM THE AUTHOR, <br> то A <br> GENTLEMAN IN THE EAST INDIES.

FROM fome late determinations in the courts of Bengal againft Slave Dealers, and oppreffors of the poor labouring natives (accounts of which have been publifhed in our Englifh newfpapers), the Public here, in general, are well fatisfied that the poor natives in India are free, and receive wages for their labour: And, confequently, all the moft fteady friends to the meafure of abolifhing the Slave Trade are folicitous to promote the ufe and fale of Eaft India Sugar, in preference to that which is cultivated by Slaves elfewhere: So that you may be affured that the Sugar Trade fromz India may be immenfely increafed, and the value of the new-acquired lands in India may be amply advanced for the benefit of the Hon. Eaft India Company (or of the proprietors of Eaft Indian lands in general), if due care be taken by the Company's agents and fervants to fatisfy Europeans that the Eaft India Sugar continues to be really the produce of free labour: And care mult alfo be taken to prevent Weft Indian adventurers, or others, from forming plantations in any of the new-acquired

## [ 18 ]

Indian lands (now become Britifh territory) on any other plan, than that of free labour ; that the baneful and iniquitous practice of "exacting la"bour without wares" may be effectually prevented, and be duly deemed as deteftable among men, as it is, certtainly, abominable in the fight of God! All impofing contracts for labour fhould alfo be vigilantly guarded againft by the adminiffrators of government in the feveral Indian departments; for, next after the abolition of the Slave Trade and Slavery, the moft important conilderation certainly is, how to place the poor labouring natives of India in fuch a happy fate of permanent eftablifhment, as may infure to them a general fubfiftence independent of the caprice and injuftice of monopolizers, and the grafping fpeculations of mercenary adventurers; and yet, with fuch moderation in this little elevation of their condition, that they may ftill feel fufficient inducement to prompt their indufiry for the public good. To this point 1 have lately turned my thoughts, and have reafon to think, that it may eafily be effected, not only to the advantage and fecurity of the induftrious poor, and to the general promotion of trade in the numerous articles which the labourers, by a little elevation of their condition, will be enabled to purchafe; but alfo, at the fame time, to the very great advantage and profit of the rich. I mean thofe that have much landed property, and have thereby the power of carrying fuch a plan into execution. For by granting a very fimall propor-
tion of their lands to induftrious labourers, upon the conditions I have propofed in the inclofed paper, they will be enabled to raije the value of all the reft of their lands: For by this means they will never be at a lofs, either for free labourers to cultivate whatever parts of their eftates they fhall chufe to continue in their own hands, or for a fufficient number of well-known people among them, of approved induftry, that may be trufted to contract, as renters, for the cultivation of the remainder of their eftates in fmall portions, or farms, fuited to their refpective abilities, and at their own rifque. And, by the fame means (I am perfuaded), the value of the new-acquired lands in India may be exceedingly enhanced, as well for the advantage of the natives as for the Hon. Eaft India Company, and of all their agents and fervants, in cafe the latter fhould be permitted to realize their fortunes (acquired in India) by inveftments of landed property, purchafed either of the Company, or of the native proprietors; efpecially as the increafing demand for Eaft Indian Sugar affords great encouragement for cultivating lands in India; and there are many other branches of hufbandry, hitherto neglected in India, as the planting of fago trees, and a variety of other valuable productive eqgetables, which would enrich the occupiers of land; and amply afford a due recompence to the induftrious labourers.

I am aware, however, that my propofal, in the inclofed paper, of eftablifhing Frankledge among

$$
\text { B } 2
$$

the

## [ 20 ]

the Indian nations, will be charged with objections too commonly deemed infuperable by Europeans that have dwelt among them, and who, therefore, ought to be beft acquainted with their difpofitions. The inveterate prejudices of the Gentoos, concerning the (imaginary) infcrutable 'antiquity of the Braminical traditions, and their (fuppofed) unalicnable attachment to their religion, will be alleged. But how fhall we venture to rely on the experience and confequent opinions of moft of the Europeans that have lived among them, in a point, which they are fo far from having attempted to inveftigate with candour, that many of them, through a lamentable neglect or ignorance of chriftianity and ancient hiftory, have rather been inclined blindly to adopt, than to confute, the abfurdities of Gentooifm?

One Englifh gentleman, though he is neither deficient in underftanding nor in experience and knowledge of the manners and difpofitions of the Gentoos, has very gravely informed us of a great fimilarity between the Mofaical Laws and thofe of the Gentoos. But this gentleman (whofe benevolent intentions I do not at all queftion, or even fufpect) has not been fufficiently aware of "the my/tcry of iniquity, and the working of Satan," the great "deceiver of the nations!" For all true religion is uniform in righlicouflucfs and in jufice: Whereas the code of laws, which he has commended, abounds with injuffice, falfebsood, and cruel oppriffion of the poor, though fome faint traces of juffice and

## [ 21 ]

morality may feem to be difperfed among thefe laws for the more eafy feduction of indifcriminate people, as "Satan will always endeavour to appear "as an Angel of. Light," and all his votaries wear a mafk of very oppofite features from thofe that are hid by it! But fome even of the very laws which are included in this gentleman's publication, and which are, thereby, expofed to the light of truth and common fenfe, afford ample confutation of his own remark; for by thefe it appears, that the Gentoo laws proceed by a Seven-fold proportion of in-equity (i. e. a numerical perfecition of in-IQuity), extorting from the poor Sooders fines of feven times the value that are required of the Bramins for the vory fame offences; though the Laves of God, declared by Mofes (to which they have been very injudicioufly compared), abfolutely prohibit any refpect of perfons in judgment. And notwithftanding the pretended mildnefs of thefe laws, yet the cloven foot is apparent; for the Sooder is doomed to be burned alive for fornication with a Bramin woman, even though fhe fhould have been proved the firft feducer; whereas the Bramin, for the abominable and irreparable injury to a female Sooder, even of a violent rape, is let off for a fmall fire! And this deteftable and enormous iniquity is even eftablifhed by an acknowledged law! Nay there is an exprefs law to infure to the Bramins the grofs privilege (which they claim for the indulgence of their luit) that " it is lareful for a Bramin to tell a lic to deceive a

## $\left[\begin{array}{lll}{[ } & 22\end{array}\right]$

" rooman." And yet with all thefe abominable pri-. vileges, bad as they are, their inicuity is fill aggravated by the blafpbomous falfehood, that their deceitful caft "proceeded from the mouth of the "Creator, other cafis from inferior parts of bis "body, and the Sooders from the foles of bis fect." Satan could not fuggeft a more malicious calumny againft the divine juftice! It is fo evident a token of "the my/tery of iniquity" and " zworking of Satan," that we need not fearch farther in the Gentoo Lazus for the declared "Doctrines of Demons," the two revealed marks of "the myltery of iniquity" by which Chriftians are warned to know "the man of fin," or is avouos, the lawulefs one, that was to prevail in the Roman Empire in the lattor times, viz. "forbidding to marry," and "com" manding to abftain from meats, \&cc."-though the poor Gentoos are alfo grievoully injured and deluded by the laft of thefe marks. For as the interpofition of "deluding $\int_{\text {pirits" }}$ is manifented, in the apoftate church of the Roman Empire, by the open affumption of a pagan title of pricfltood, Pontifex, and, ftill more efpecially, by that moft prefumptuous title of pretended infallibility, and univerfal dominion, Pontifex Maximus, through which this dangerous ufurper of unlimited power (under the mafque of religion) became the true " image of the bcaft," the former Imperial Pontifices, or Heathen Emperors, wha did not more haughtily fupprefs the natural rights of mankind than did their fucceffors the Papal

## $\left[\begin{array}{lll}23 & ]\end{array}\right.$

Pontifices, in proclaiming Crufudes, and in ex. citing lawlefs Princes to wage bloody and deftructive wars againft all perfons that oppofed their image worfhip, and other antichriftian corruptions; and in eftablifhing bloody inquifitions to maintain this horrible tyranny! So the fame unnatural interpofition may as evidently be traced to its /piritual fource by the baneful fruits and bloody track of inquifitorial cruelty and tyranny manifefted in the Laws of the Bramins lately publifhed; as the cutting off the " buttock of a Sooder, for fitting on the "carpet of a Bramin! the cramming a red-bot " iron into their mouths for repeating any words " of the Beads or Shafter!" and the pouring bot quax into their ears for fitting to hear them read! If the Beads contained any good, it would be confummate Popery, thus to prohibit the communication of what is good from the vulgar, like the univerfal prohibition of the Scriptures in the vernacular tongues wherever the beaft prevails! But there can be no doubt, if the Sooders were duly protected by government from the fear of fuch frigbtful penalties, that they would not be backward to acknowledge their juft and equal clains to all the rights of mankind. And I need only mention thefe forere lawes as ample and fufficient proofs to confute the prejudices of gentlemen infallibly experienced (as they fuppofe) by their refidence in India, refpecting the imaginary unalienable attachment of the Hindoss to their falfe religion; for unlefs the Bramins themfelves had known that the

## [ 24 ]

other Hindoos were mucb inclined to think themfelves equally men with the Bramins, and to be, thereby, entitled to all equal rights and natural jufice, they would not have difgraced their code of laws with fuch enormities! Frankpledge is the only fafe mode of reftoring thefe poor people to their juft rights, and it was neceffary for me, thus far, to guard againft the obvious objections that would be made by many gentlemen who prefume much on their own experimental knowledge of the Gentoos.

*     *         *             *                 *                     *                         * 

> I remain, with fincere efteem, DEAR SIR,
> Your affectionate friend,
> And obliged humble fervant, G. S.


[^0]:    " brother, and the franger (that is) with bim. Ye shall nor " respect persons in judgment." (Deut. i. 9-17.) Compare this with Deut. xvi, 18. "Judges and officers Salt thout " Give to thyself in all thy gates throughout thy tribes, and they "Raill judge the people with JUST JUDGMENT, \& C. and the rule " for just judgment is not to respect persons in judg" ment." But the colonial legiflators, in all the European fettlements of America and the Weft Indies, in order to favour and tolerate lavery, have fupprefied this indifferfable rule for " just judgment," for otherwife that abominable pagan oppreffion, flavery (which had been gradually abolifhed through the happy influence of Chriftianity), could not have been renewed under governments which ftill call themfelves chriftian! But this hateful mark of reprobacy and delinquency of the nations, or rather " of the fulnefs of the Gentiles," I mean the baneful renewal of pagan glavery, will furely draw down upon the guilty nations a fevere retribution from that Supreme Judge, who " is " no raspecter of persons in judgment," if they cannot find leifure from their bloody wars and deftruetive oppreffions, for repentance! For the Divine retrilution is clearly revealed in the Scriptures, that it will be "menfire for menfure;" that " bee " that lcadeth, into captivity foall le leed into captivity: He that killeth, "swith the fword mufl be killed suith, the fruord:" For the ALmighty has promifed to " Destroy thenil who destroy the " carth!"

[^1]:    * See Lambard's Archionomia, inter Leges Edwardi Regis, cap. 20. de Friborgis', where Frankpledge is more particularly explained.

